Infection Control

- Newcomers Orientation -

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Goal

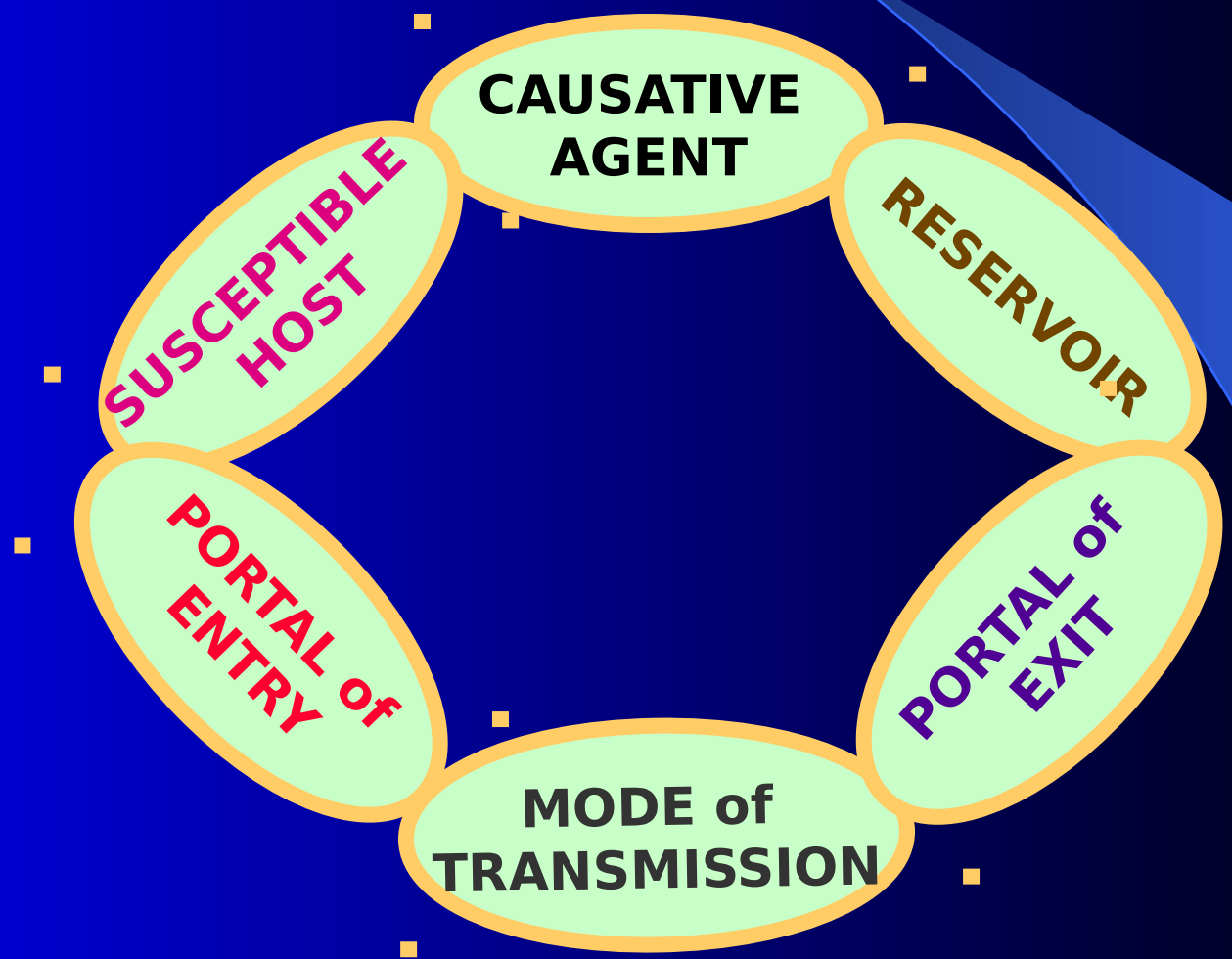
To identify and reduce the risks of nosocomial infections in patients, visitors, and health care workers.

- **IHO - Infection Control Committee**
- **IHO - Infection Control Functional Management Tea**
- **Infection Control Facilitators**

- **AR 40-5**
- **IHO Infection Control Policy**
- **Unit-Specific Infection Control Policy**
- **JCAHO (Joint Commission on Accreditation of Healthcare Organizations)**
- **CDC (Centers for Disease Control and Prevention)**
- **OSHA (Occupational Safety and Health Administration)**
- **APIC (Association for Professionals in Infection Control and Epidemiology)**

CHAIN OF INFECTION

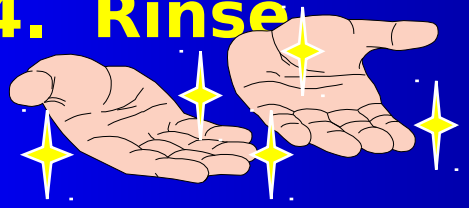
Links in the Infection Chain must be present for an infection to develop:



Handwashing

Wash your hands as often as necessary

1. **Wet hands with running warm water**
2. **Apply handwashing agent**
3. **Wash for 15 seconds**
4. **Rinse**



Hand-rub

with alcohol-based hand-ge

Dispensing system

Personal items

artificial fingernails

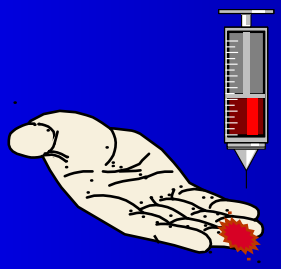
Do not wear artificial fingernails when having direct contact with patients

(e.g., those in ICU or OR)

Guideline for Hand Hygiene in HCS
MMWR Oct 2002/Vol. 51/No. RR-16

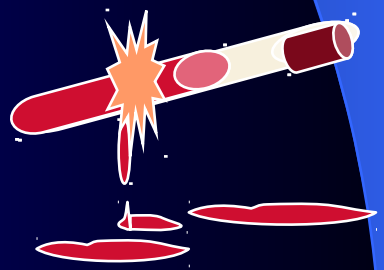
BLOODBORNE PATHOGENS

EAMC Reg. 40-9



Pathogenic microorganisms that are present in human body and can cause disease in humans

(HBV, HCV and HIV etc.)



To Protect Yourself
from Bloodborne Pathogens

- **UP** (Universal Precautions)
- **PPE** (Personal Protective Equipment)
- **RMW** (Regulated Medical Waste)
- **HB Vaccine** (Hepatitis B)

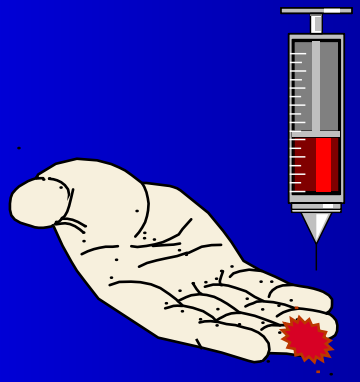
PPE (Personal Protective Equipment)

Sharp Container

Red Container with Red Bag

blood/body fluid

exposure



WIG

Wash exposed area

Inform supervisor

Go to the ER & OH

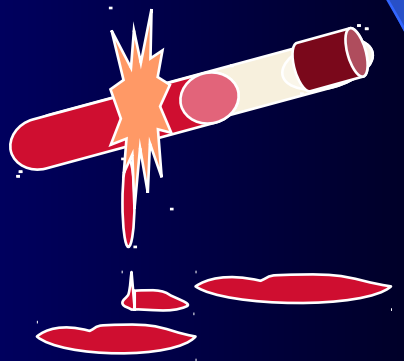
Cleaning blood spills

PAW

Protect yourself

Absorb spill

Wipe area with disinfectant



Use of Red bags or Sharps Containers

RMW (Regulated Medical Waste)

EAMC Reg. 40-15

- **Class 1 - Cultures, Stocks, and Vaccines**
- **Class 2 - Pathological Waste**
- **Class 3 - Blood and Blood Products**
- **Class 4 - Used Sharps**
- **Class 5 - Animal Waste**
- **Class 6 - Isolation Waste (CDC Class 4)**
- **Class 7 - Unused Sharps**

RMW

Any item that comes in contact with a patient or remotely close to a patient in the delivery of care!!!

- **Soiled dressings and bandages**
- **Soiled patient diapers**
- **Soiled patient sanitary napkins**
- **Waste from pathology**
- **Betadine swabs**
- **IV bags & tubings**
- **Chux**
- **Sterilization wrappers**
- **Masks**
- **OR hats**

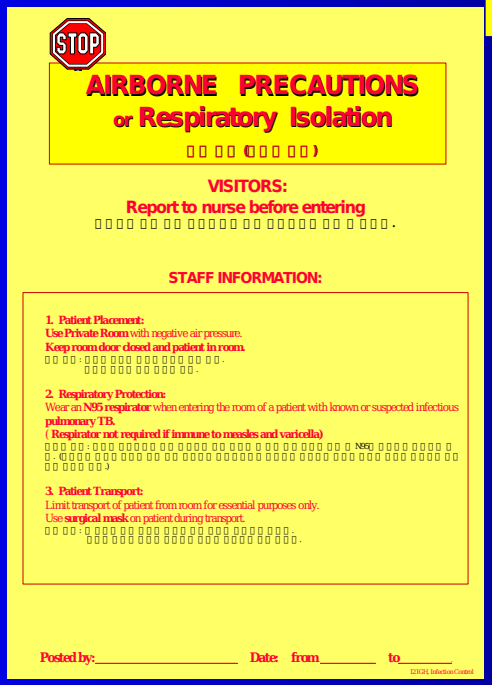
Isolation Precautions

(96)

1. Standard precautions =
   + Universal Precautions
   + Body Substance Isolation

2. Transmission precautions
   - Airborne precautions
   - Droplet precautions
   - Contact=precautions

Isolation Precaution Posters



STOP

AIRBORNE PRECAUTIONS
or Respiratory Isolation

VISITORS:
Report to nurse before entering

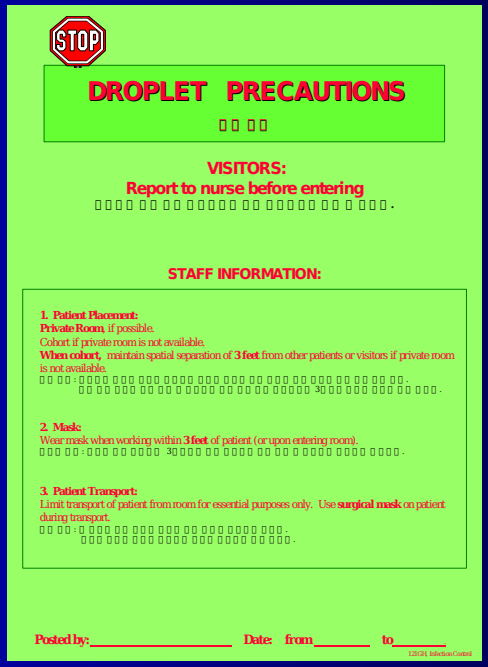
STAFF INFORMATION:

1. Patient Placement:
Use Private Room with negative air pressure.
Keep room door closed and patient in room.

2. Respiratory Protection:
Wear an **N95 respirator** when entering the room of a patient with known or suspected infectious **pulmonary TB.**
(Respirator not required if immune to measles and varicella)

3. Patient Transport:
Limit transport of patient from room for essential purposes only.
Use **surgical mask** on patient during transport.

Posted by:_____ **Date: from**_____ **to**_____



STOP

DROPLET PRECAUTIONS

VISITORS:
Report to nurse before entering

STAFF INFORMATION:

1. Patient Placement:
Private Room, if possible.
Cohort if private room is not available.
When cohort, maintain spatial separation of **3 feet** from other patients or visitors if private room is not available.

2. Mask:
Wear mask when working within **3 feet** of patient (or upon entering room).

3. Patient Transport:
Limit transport of patient from room for essential purposes only. Use **surgical mask** on patient during transport.

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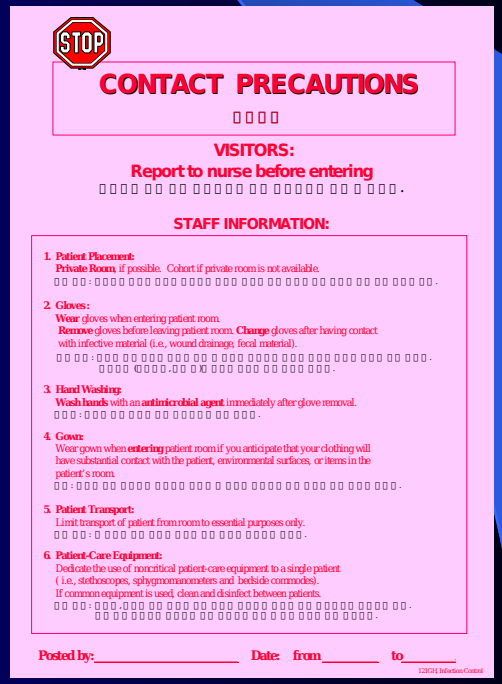

STOP

CONTACT PRECAUTIONS

VISITORS:
Report to nurse before entering

STAFF INFORMATION:

1. Patient Placement:
Private Room, if possible. Cohort if private room is not available.

2. Gloves:
Wear gloves when entering patient room.
Remove gloves before leaving patient room. **Change** gloves after having contact with infective material (i.e., wound drainage, fecal material).

3. Hand Washing:
Wash hands with an **antimicrobial agent** immediately after glove removal.

4. Gown:
Wear gown when **entering** patient room if you anticipate that your clothing will have substantial contact with the patient, environmental surfaces, or items in the patient's room.

5. Patient Transport:
Limit transport of patient from room to essential purposes only.

6. Patient-Care Equipment:
Dedicate the use of noncritical patient-care equipment to a single patient (i.e., stethoscopes, sphygmomanometers and bedside commodes).
If common equipment is used, clean and disinfect between patients.

Posted by:_____ **Date: from**_____ **to**_____

Expiration Date on Opened Mutidose Vials

Multidose medication vials will be discarded when:

1) empty or

2) the manufacturer's date of expiration has been reached or

3) if integrity of vial has been compromised

IHO IC Policy, Annex 8-2

Shelf-life Rotation of Sterilized items is event-related and not time-related

Event-related: NO expiration dates

(first in, first out)

Time-related: By expiration dates

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